

Title (en)

Imaging apparatus, sky-area determining method, and a sky-area determining program

Title (de)

Abbildungsvorrichtung, Luftraumbestimmungsverfahren und Luftraumbestimmungsprogramm

Title (fr)

Appareil d'imagerie, procédé de détermination de zone du ciel et programme de détermination de zone du ciel

Publication

EP 2424227 A2 20120229 (EN)

Application

EP 11178310 A 20110822

Priority

JP 2010188605 A 20100825

Abstract (en)

An imaging apparatus includes an imaging unit converting incident light into an image signal; an evaluation value detecting unit dividing the image signal into plural areas and detecting an evaluation value of a pixel value of each of the areas; an imaging information acquiring unit acquiring imaging position information and an imaging date/time of the image signal; a sky-area pixel value estimating unit estimating pixel value information of a sky area of a daytime based on the imaging position information and the imaging date/time; and a sky-area determination unit comparing the evaluation value of each of the plural areas with the pixel value information to determine whether the area corresponds to the sky area.

IPC 8 full level

H04N 5/235 (2006.01); **G06K 9/00** (2006.01)

CPC (source: EP US)

H04N 23/64 (2023.01 - EP US); **H04N 23/71** (2023.01 - EP); **H04N 23/88** (2023.01 - EP); **G06F 18/24765** (2023.01 - EP)

Citation (applicant)

- JP 2009147520 A 20090702 - SONY CORP
- JP 2009089357 A 20090423 - PANASONIC CORP
- JP 2008219128 A 20080918 - FUJIFILM CORP

Cited by

CN111052028A; US9982914B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2424227 A2 20120229; **EP 2424227 A3 20150121**; JP 2012049709 A 20120308

DOCDB simple family (application)

EP 11178310 A 20110822; JP 2010188605 A 20100825